

030
*C

OIKE

RAW SEQUENCE LISTING

DATE: 11/13/2001

PATENT APPLICATION: US/09/939,581A

TIME: 15:14:26

Input Set : N:\Crf3\RULE60\09939581A.txt

Output Set: N:\CRF3\11132001\I939581A.raw

4 <110> APPLICANT: Hermeking, Heiko
 5 Vogelstein, Bert
 6 Kinzler, Kenneth
 8 <120> TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
 11 <130> FILE REFERENCE: 1107.77810
 13 <140> CURRENT APPLICATION NUMBER: 09/939,581A
 14 <141> CURRENT FILING DATE: 2001-08-28
 16 <150> PRIOR APPLICATION NUMBER: 09/210,748
 17 <151> PRIOR FILING DATE: 1998-12-15
 19 <160> NUMBER OF SEQ ID NOS: 18
 21 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 1320
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Homo sapiens
 28 <400> SEQUENCE: 1

ENTERED

29	gagagacaca	gagtcgggca	ttggtcccag	gcagcagtta	gcccggccgc	cgctgtgtg	60
30	tcccagagc	catggagaga	gccagtctga	tccagaaggc	caagctggca	gagcaggccg	120
31	aacgctatga	ggacatggca	gccttcatga	aaggcgccgt	ggagaagggc	gaggagctct	180
32	cctgcgaaga	gcgaaacctg	ctctcagtag	cctataagaa	cgtggtgggc	ggccagaggg	240
33	ctgcctggag	ggtgctgtcc	agtattgagc	agaaaagcaa	cgaggagggc	tcggaggaga	300
34	aggggcccga	ggtgcgtgag	taccgggaga	aggtggagac	tgagctccag	ggcgtgtgcg	360
35	acaccgtgct	gggcctgctg	gacagccacc	tcatcaagga	ggccggggac	gccgagagcc	420
36	gggtcttcta	cctgaagatg	aagggtgact	actaccgcta	cctggccgag	gtggccaccg	480
37	gtgacgacaa	gaagcgcac	attgactcag	cccggtcagc	ctaccaggag	gccatggaca	540
38	tcagcaagaa	ggagatgccg	cccaccaacc	ccatccgcct	gggcctggcc	ctgaactttt	600
39	ccgtcttcca	ctacgagatc	gccaacagcc	ccgaggaggc	catctctctg	gccaagacca	660
40	ctttcgacga	ggccatggct	gatctgcaca	ccctcagcga	ggactcctac	aaagacagca	720
41	ccctcatcat	gcagctgctg	cgagacaacc	tgacactgtg	gacggccgac	aacgccgggg	780
42	aagagggggg	cgaggctccc	caggagcccc	agagctgagt	gttgcccgcc	accgccccgc	840
43	cctgccccct	ccagtcccc	accctgccga	gaggactagt	atggggtggg	aggccccacc	900
44	cttctcccc	aggcgtgtt	cttgctccaa	agggctccgt	ggagagggac	tggcagagct	960
45	gaggccacct	ggggctgggg	atcccaactct	tcttgcaagct	gttgagcgca	cctaaccact	1020
46	ggcatgccc	ccaccctgc	tctccgcacc	cgcttcctcc	cgaccccagg	accaggctac	1080
47	ttctccctc	ctcttgctc	cctcctgccc	ctgctgcctc	tgatcgtagg	aattgaggag	1140
48	tgtccgcct	tgtggtgag	aactggacag	tggcaggggc	tggagatggg	tgtgtgtgtg	1200
49	tgtgtgtgtg	tgtgtgtgtg	cgcgcgcgcc	agtgaagac	cgagactgag	ggaaagcatg	1260
50	tctgctgggt	gtgaccatgt	tctctctcaa	taaagttccc	ctgtgacact	caaaaaaaaa	1320

52 <210> SEQ ID NO: 2
 53 <211> LENGTH: 248
 54 <212> TYPE: PRT
 55 <213> ORGANISM: Homo sapiens
 57 <400> SEQUENCE: 2

58	Met	Glu	Arg	Ala	Ser	Leu	Ile	Gln	Lys	Ala	Lys	Leu	Ala	Glu	Gln	Ala
59	1				5				10					15		
60	Glu	Arg	Tyr	Glu	Asp	Met	Ala	Ala	Phe	Met	Lys	Gly	Ala	Val	Glu	Lys
61				20					25					30		

RAW SEQUENCE LISTING

DATE: 11/13/2001

PATENT APPLICATION: US/09/939,581A

TIME: 15:14:26

Input Set : N:\Crf3\RULE60\09939581A.txt

Output Set: N:\CRF3\11132001\I939581A.raw

```

62 Gly Glu Glu Leu Ser Cys Glu Glu Arg Asn Leu Leu Ser Val Ala Tyr
63           35                      40                      45
64 Lys Asn Val Val Gly Gly Gln Arg Ala Ala Trp Arg Val Leu Ser Ser
65           50                      55                      60
66 Ile Glu Gln Lys Ser Asn Glu Glu Gly Ser Glu Glu Lys Gly Pro Glu
67 65           70                      75                      80
68 Val Arg Glu Tyr Arg Glu Lys Val Glu Thr Glu Leu Gln Gly Val Cys
69           85                      90                      95
70 Asp Thr Val Leu Gly Leu Leu Asp Ser His Leu Ile Lys Glu Ala Gly
71           100                     105                     110
72 Asp Ala Glu Ser Arg Val Phe Tyr Leu Lys Met Lys Gly Asp Tyr Tyr
73           115                     120                     125
74 Arg Tyr Leu Ala Glu Val Ala Thr Gly Asp Asp Lys Lys Arg Ile Ile
75           130                     135                     140
76 Asp Ser Ala Arg Ser Ala Tyr Gln Glu Ala Met Asp Ile Ser Lys Lys
77 145                     150                     155                     160
78 Glu Met Pro Pro Thr Asn Pro Ile Arg Leu Gly Leu Ala Leu Asn Phe
79           165                     170                     175
80 Ser Val Phe His Tyr Glu Ile Ala Asn Ser Pro Glu Glu Ala Ile Ser
81           180                     185                     190
82 Leu Ala Lys Thr Thr Phe Asp Glu Ala Met Ala Asp Leu His Thr Leu
83           195                     200                     205
84 Ser Glu Asp Ser Tyr Lys Asp Ser Thr Leu Ile Met Gln Leu Leu Arg
85           210                     215                     220
86 Asp Asn Leu Thr Leu Trp Thr Ala Asp Asn Ala Gly Glu Glu Gly Gly
87 225                     230                     235                     240
88 Glu Ala Pro Gln Glu Pro Gln Ser
89           245

```

91 <210> SEQ ID NO: 3

92 <211> LENGTH: 7680

93 <212> TYPE: DNA

94 <213> ORGANISM: Homo sapiens

96 <400> SEQUENCE: 3

```

97 ggatcccagc ctgcccctcc acttctctcc caagccaggt cccggcatgg gtgggttatg      60
98 ctcatgctgg caatacttga aacgggttta ttaatgctgg gtattttgca caattttata      120
99 gacctctttt ctacatagtc ttttttaaat ggaaggagaa aatgtcagcc acattactgt      180
100 ctgtgtagtg ccagggtgaag ggttatcaga aggctggttg gttttaataa gtttattcca      240
101 agagaccttc tggctggaat gagtgagagt gtgtgtgcat gtgtgtgtgt gttcatgtgt      300
102 gccctgtatg aatgtggctg gctcccagat cccctgggct gccccctgcc ccattcccctt      360
103 tgagtatcag aagcactctg agccaagggg acagggggca cgtgcactgg tcacgagaaa      420
104 accctgggct cccactgggg ctcagcccag cctcctatct ttccttcttc tatggacttc      480
105 agacagccag tgtctgggga ctctgccact ctaccccag ccctaccac cagccccag      540
106 gtgaggcttc cagctgggac ctgcccagac aggctgagcc tgggcgtggt ggggtggggtg      600
107 atggctctgg ggagcggctg ccattctaca agccacaccc cctcctctga gctctgaata      660
108 tgggacccag tgccaggagc tggaagacaa ggtgtttctg ccaaacggga cctccatcca      720
109 gagaaaagga agaaggtgca ggggtggcca agaggcaagt gaaggttggc ctgagctctgg      780
110 gccggaaact cagaggatgt ttctcctctg ctgggagctg tagtttctta tcaaaataga      840
111 tattgttcca ccattcccct ccttggccct tcaagtgggc tgaagccttg gaaagtgaca      900
112 taggaagtcc ccagatcttg cccttctcac tccagaggct agtggtcaca gacagctggg      960

```

RAW SEQUENCE LISTING

DATE: 11/13/2001

PATENT APPLICATION: US/09/939,581A

TIME: 15:14:26

Input Set : N:\Crf3\RULE60\09939581A.txt

Output Set: N:\CRF3\11132001\I939581A.raw

113	aatggcagcc	acagaggggtc	cctctggaga	aacagcttca	ccccagcctc	agggccctgg	1020
114	gcatcactgc	agtggccctg	ggaggtgagg	aagaagctgg	ctagaggagg	gggctccac	1080
115	ctacctttta	tttaagccag	tattctttgt	tctgtctgt	aataaaaactt	cagtttataa	1140
116	gagttgcttt	gctttggttt	ggtttttgtt	tgtttttcct	ttgttgaggc	cccaactggg	1200
117	agccctctgt	tctttcagac	aaatttggtt	ctttcctggg	gagactgtga	gaaggcaggc	1260
118	agcccagtga	tctggctaca	ttttccctca	cctggctgga	gctctgtccg	ctggaggaaag	1320
119	agcagagagg	gctgcggctg	agcccccatg	ggcacgtgaa	aagaggccat	cctgtcccct	1380
120	ctttgtcccc	tccaccttcc	cctgcctcag	gggcttgagg	accccaaatt	cttcttcct	1440
121	actgcctttc	cactccgatac	cccaatgagt	gcccagctaa	gaaaatgttt	gagacagtag	1500
122	attccagttt	gagagccgga	gcttccctgg	ctaccacctc	caacctgggc	accagggccc	1560
123	agccagacaa	ctcataaacac	tggccacct	ctctggtatc	tccctcagga	ggacacctgt	1620
124	caggattttg	ccatctcctg	cacagcctga	ggggagctaa	caggcctctt	tgcagagggt	1680
125	tagctggtaa	gaccgtttct	tccctgtcgg	ccagcactgc	ccgctcccct	ccacacacca	1740
126	tctcatcctc	atcgcatgcc	tcgccaaccc	catggagccc	gtccatctgt	ctggtgtgtg	1800
127	gtgcggtgtg	tgtgctggtg	gtggtagggt	ctccagggac	tccccgctaa	gcagaaggat	1860
128	cgggatatag	ggcaaggcta	aaagcccagc	cccattgtgg	actgaggaaag	tacgttcgcg	1920
129	cagagcagct	ctccagctgg	aagaggaggt	ggagggtgag	gctggggaga	ggatggcgaa	1980
130	cctgccctga	ggtgcttggt	tctgtgctgg	tggggtcctg	gtatgcaggg	gccaccggtc	2040
131	actaacactc	ttatgtcctg	gctttctgtc	cccgtgagc	tttctctcac	ccgcccgttt	2100
132	tctctcctgc	ttcattgcct	gctgcctaag	ccttggccct	tctctcgggc	agaggcaggt	2160
133	gctgtggcag	cacctctccc	caccaccggg	cccctgcagg	ccgcctccct	cctcccaggc	2220
134	ctgctaaccc	tctctcttct	ccttctttgc	tgtcctgccg	gggatctcca	gtgtgtgcgg	2280
135	gggcttaagg	acctcctgag	gaccgctgtc	ctctgcctct	ccaggaatgg	cctgggggga	2340
136	gccaggcacc	cggcacctcc	acctgcctaa	cctgtggccc	atctgccacc	atctgtgcct	2400
137	acagggctcg	ccccccagcc	tgcccggcct	gtgtgctctc	taggacccca	tagggggcag	2460
138	gggctggcct	ctttgccccca	ttcccgtctc	atgccggcca	gagtgtagaa	agccataacg	2520
139	cacgcagcca	tcagcacaat	aatgtgactc	tacgtgata	tgtctccctc	ctcctccact	2580
140	gacttccccct	tcccggattt	gtgagggtgc	aagactagga	atctggcctt	agagcctgcc	2640
141	cctccacccc	ctcagatcag	gcatagccat	agtcaagccc	agcaggtttc	ctcaggagct	2700
142	gtctggggtg	ttgatggtgg	atgacgctgc	tgaacaagtt	tggtagactgt	tctaagcaca	2760
143	actggcttga	tactgttccc	acggcctgtc	cacctcccac	ccccaacctt	ccaccagagt	2820
144	aggtaggatg	tagggagggt	gcgtgccgcc	tttgtcttag	gcaactgagg	accaagctag	2880
145	ccgtgcacag	ccccatacac	ttcaggggcg	taaaggaaaag	agctgagcca	aggaaaatca	2940
146	gctgagccca	gggctggggg	ctgcttgtct	gctatcctgt	accttttttt	tttttaacca	3000
147	aaataaagat	tcccctcttc	ttgccatacc	attggctgtc	tgggtggcgcc	tttacttttg	3060
148	ggcccaggga	tgggacctgc	agtgggcgtg	tggaaacatat	ggctccccct	cgctcccagc	3120
149	tttcttccag	ctggccagtg	ctgctctgga	gattttacaag	cacaacgaag	ccaggaggga	3180
150	cacaggaaaa	gtggctgaca	tcctttttcac	tctgcccctc	cagaactctt	ggtctcaatt	3240
151	ccagacacca	cccagcctta	gctgacctct	ggattctgat	aggtcccagt	gcaggctgag	3300
152	acagagggtt	taactccagt	ttgggactgc	catacccatg	aactgagccc	agcccagggt	3360
153	aacgatctca	tggaaacttc	tctctcccca	gttgctgcac	tacatcaaga	tacacacatg	3420
154	tgcatacact	gtactatggg	ctaaaaaaat	acgtaccgct	accgttcagc	aagggtctgc	3480
155	cgagtcccgg	gcccattttc	tcattctaac	ctgtgaggag	gatgatgtca	gcctttttac	3540
156	agatgaggga	actgagactc	aagggaagaaa	caggagctgc	ccaaggtcac	ccagctggca	3600
157	aagcagcaaa	tcccagatcg	gaacctgac	tctgccccga	gctctgagcc	atctgcacta	3660
158	cccaagggaat	gaatacagcg	gtgggaggat	gagatcttgg	agaaacccta	aaattagaga	3720
159	atgtcatagc	cagtagaggg	cttagagttg	atctgggcca	gcctccttgt	tttactgatg	3780
160	gagaaattga	agcccagagg	cagggaaggga	cctgcccgaag	gccttataac	agagctggga	3840
161	tgcagtccca	cactctgacc	tcattccatt	ctctctccat	aaattctgca	ctgtctctag	3900

RAW SEQUENCE LISTING

DATE: 11/13/2001

PATENT APPLICATION: US/09/939,581A

TIME: 15:14:26

Input Set : N:\Crif3\RULE60\09939581A.txt

Output Set: N:\CRF3\11132001\I939581A.raw

162	actggactgg	tttagatgtg	ggatactcta	aacagcagtg	ccttcaagag	aaaaagaatc	3960
163	agaactacga	atcacttaaa	agtaatgtaa	gctactctgg	gcacactgcc	tatgggggtcg	4020
164	ccctgctcca	caaggagcca	caaaaaataat	taaaataatt	taatatccct	tcccaaaggt	4080
165	aaccagtaaa	gtaagctctt	ggctaggtaa	ctggactctt	gttcacaact	agccagtggg	4140
166	aaaagggtgct	agagcttcct	ctggccacct	gtttaatttg	atcattccaa	gacagaaaca	4200
167	tttcttagga	agttctttct	agaatctacc	tgggtgccct	cccactgcta	tcagagccct	4260
168	gtcctctgtc	ctcagtggag	gtagagagca	aatgggtgct	gctttcttca	tcacaaccct	4320
169	tcaaagccta	ttattaccag	ctaagaagga	ttggttgact	atggggccaga	gcccctgagc	4380
170	ctgctggtag	aatggatgct	gtacaggagg	gtggggaggt	agcaggcaga	atgaggaaaag	4440
171	cccctttgag	ctgcaacccc	agctcctgtc	ctgctgactc	agacagctga	ctgtggagct	4500
172	ccatgccctg	ccagggcctg	ctgcctcctg	cccgtctgag	ctcctgaact	tgggaaatgg	4560
173	aggcccagag	gcaaaggagg	gtacctgaga	caggaaactga	gtcaggatca	acaggccaga	4620
174	gcgggcagga	ggtatcaggc	agcctggctc	ccagatgcac	ccctgagctc	cagcagggga	4680
175	ggagtaggaa	tgaaggggct	tccttgccct	tgctcatggc	tatgcggagg	gcgtgaacca	4740
176	ccaccaggtc	ctctggctta	agtggcggga	agcaaattgg	ccctccctgg	actcaggctc	4800
177	caaagtccct	gggcctgcct	tccagggtcc	cagtgtccctg	ggatctccag	ctttccccag	4860
178	gacttgggga	agccccggct	ggatgactag	tacaaatgaa	ggccccgtag	gttccaggac	4920
179	ctgctgaggt	cacaggaata	tcctagatca	agcttgtcca	acccacggcc	cacaggctgc	4980
180	atgtggccca	gaatggcttt	gaatgcagcc	caacacaaat	tagtaaaactt	tcttaaaaca	5040
181	ttatgagatt	tttttgcaaa	tttttttttt	tttttttagct	catcagttat	tggtagtggt	5100
182	ggtatatatt	atgtgtggcc	caagacaatt	cttccaatgt	ggcccaggga	agccaaaaga	5160
183	ttggacacgc	ctgtcctaga	tggagaggaa	ggaggcagtg	ctgagcacat	ctggccattc	5220
184	atccatctgg	agagagaagg	ctatgggcaa	actgcttcct	ctcccctgta	gacaccagc	5280
185	tgggaaggct	tggcctttgg	taagtcctgg	cttggggctc	ttcctcattt	cacagaacct	5340
186	aactctatgt	tagtgctttg	tgagtatatg	ttgatacata	taaagttgac	gggatttttt	5400
187	cacatgataa	taatagttgt	catctggccg	ggcatggtgg	cttatgccta	taatttcagc	5460
188	actttggaag	gctgaggcag	gtggatcact	tgaggtcagc	tgttcgagac	cagcctggcc	5520
189	aacatggtga	aaccacatct	ctacttaaaa	aaaaaaaaaa	tacaaaaaatt	agctgggtgt	5580
190	ggtggtgcac	ccttgtaatc	ccagctactc	gggaggctga	ggcaggagaa	tcacttgaac	5640
191	ccaggagggtg	gaggttgacg	tgagctgaga	ttgtgccact	acactccagc	ctgggtgaca	5700
192	agagcgaaac	tccgtctcaa	aaaaaaaaag	aataataata	ataatagttg	ccatccattc	5760
193	tactgtgctt	tccattaact	cgtgtaatcc	tcacaagtcc	cattttatag	ttacaggaac	5820
194	tgaggctcac	agagcttaaa	tcacttggcc	aaggccacaa	acagctataa	gaattacatt	5880
195	taggcagctc	gattccaaaag	atactagtct	attctgtatc	tcatagacaa	acaatacata	5940
196	ttcacttttt	tgttgttgtt	ttgttttgag	acggagtctt	gctctgtcac	ccaggctgga	6000
197	gtgcagtggc	gccatctcgg	ctcactgcaa	cgtccgcctc	ccgggttcaa	gcgattctcc	6060
198	tgctcagcc	tcccagtag	ctgggactac	aggcatgtgc	caccatgccc	ggctaatttt	6120
199	ttgtattttt	agtagagaca	gggttttctc	gggttagcca	gaatggtctc	gatctcctga	6180
200	ccttgtgac	caccacctc	agcctcccaa	agtgtcgaga	tgacaggcgt	gagccaccgc	6240
201	gtccgacct	tattcactat	ttataaattg	gagagaataa	gaaaatcaaa	agggccaggt	6300
202	gtagtgactc	acacctgtaa	tcccagcact	ttgggaaagc	aaggcaggag	gattgcttga	6360
203	accagagaag	tcgagaccag	cctgggcaac	atggtgagac	cctgtctcta	caaaaaatac	6420
204	aaaaattagc	tgggcgttgt	ggtgagcacc	ttattcttag	gaagctgagg	caggaggatc	6480
205	acctgaggcc	aaggagggtg	agactgcagt	gagctgtgat	cataccactg	tacttcagcc	6540
206	tggacatcag	agtaagaccc	tatctctaaa	aaggaaaattg	agaagaaaaga	aaatcaaagg	6600
207	gaagcaaaat	cactcactct	cactacctca	agataccctc	tagaagttgg	tatttttagtg	6660
208	tggttcctat	tgttttctgt	gtcagttctc	tgatttgagc	aaaatctttg	ggacgtcaaa	6720
209	cttaaaatcc	cctttacttc	cttggaacc	ctgtagcatt	agcccagaca	tgtccctact	6780
210	cctccttgtg	gcaaagagaa	ggatctcgtc	tttggctccc	agagttctgg	cctaagcctc	6840

RAW SEQUENCE LISTING

DATE: 11/13/2001

PATENT APPLICATION: US/09/939,581A

TIME: 15:14:26

Input Set : N:\Crf3\RULE60\09939581A.txt

Output Set: N:\CRF3\11132001\I939581A.raw

```

211 cctccaggag ggaagatgag tgttcagaca ctcagagtag ctggggggaga cacaggcctg 6900
212 tgaaattatc ctgggtcaac tattagggtcg gcagaatccc agtgaaggga gccctacctc 6960
213 tgagccccc ataaagctttg gctatgggtg gggcagataa gcagggaatcc atccctatag 7020
214 gctcaatgcc aacaccctta ggtgaaactc ttgatgaaac ttgaggccag ggctccggca 7080
215 agcagggaaa gaacgttggtc aacagaggtc tccatctctg aggactctgc caggggtcag 7140
216 agatggggga atgggtcaaaa ggaaggaaca ggccaggcac agtggctcat gcccataatc 7200
217 ccagcacttt gggagggtga ggcaggagga tcgcttgagc ccaggagttt gagacctgcc 7260
218 tgggcaatgt agtgagatct gctctctatt taaaaaaaaa aaaaaggaaa gaacaagtaa 7320
219 acttctgaga aacagggtgg gggaggcatc acgtagctgg aattgctgcc ccataaaaca 7380
220 gaatgggtat tgctactgcc acctcccttt ctcagtcctc tctctcccca ggttgctagc 7440
221 gtccccctgg gggatcaaac tggactgctt cccagcctca gacagagagc agtctgagtc 7500
222 aggcaggaaa gtgggacagc cggggagctg gacccccacc tctgtgagcc ccgctggtac 7560
223 ctgatggcat gtggcttgga gagggcaggt gacctggcgt ggaggggccag agggtaaadc 7620
224 ctcaaacaag tggcaacagg ccaccaactt gaaagggaaa attgtgtagt gatgggaaat 7680
227 <210> SEQ ID NO: 4
228 <211> LENGTH: 20
229 <212> TYPE: DNA
230 <213> ORGANISM: Homo sapiens
232 <400> SEQUENCE: 4
233 aggcattgtc caccatgccc 20
235 <210> SEQ ID NO: 5
236 <211> LENGTH: 23
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 5
241 gtagcattag cccagacatg tcc 23
243 <210> SEQ ID NO: 6
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens
248 <400> SEQUENCE: 6
249 rrrcwwgyyy rrrcwwgyyy 20
251 <210> SEQ ID NO: 7
252 <211> LENGTH: 22
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: PCR PRIMER
259 <400> SEQUENCE: 7
260 acaggggaac tttattgaga gg 22
262 <210> SEQ ID NO: 8
263 <211> LENGTH: 19
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: PCR PRIMER
270 <400> SEQUENCE: 8
271 aagggctccg tggagaggg 19
273 <210> SEQ ID NO: 9

```

VERIFICATION SUMMARY

DATE: 11/13/2001

PATENT APPLICATION: US/09/939,581A

TIME: 15:14:27

Input Set : N:\Crf3\RULE60\09939581A.txt

Output Set: N:\CRF3\11132001\I939581A.raw